

```
Y = c1 = c2 = tmp = 0
```

```

107   ( j=0, 1\&g;  j=j+1 ) {
108     (c1,  tmp) = a0 * b_j + y0 + c1
109     m = tmp * n' 0
110     (c2,  tmp) = m * n0 + tmp + c2
111     for ( i=1; i<g; i=i+1 ) {
112       (c1,  tmp) = a_i * b_j + y_i + c1
113       (c2,  y_{i-1}) = m * n_i + tmp + c2
114     }
115     (y_g,  y_{g-1}) = y_g + c1 + c2
116   }
117 }
```

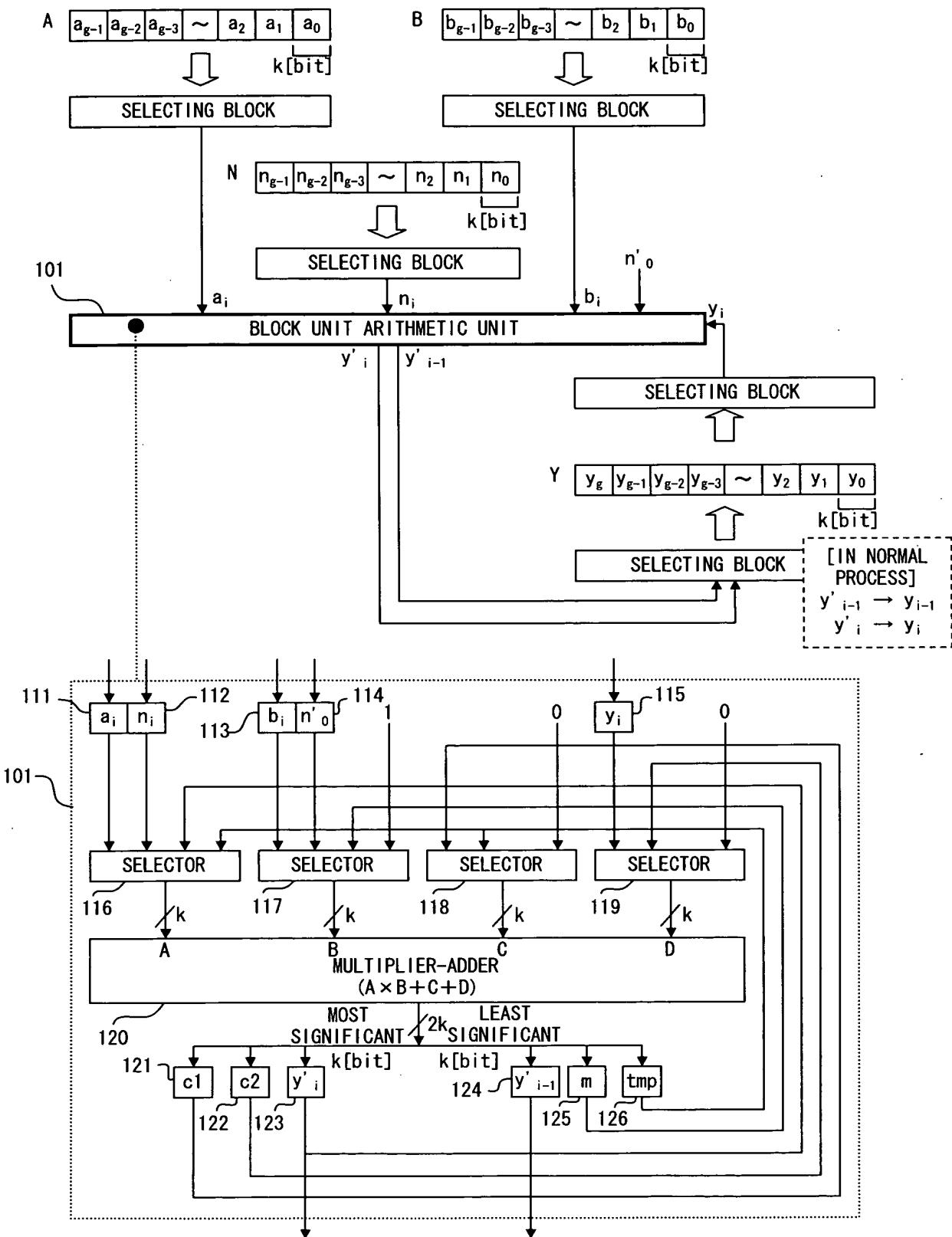
```
Y = c1 = c2 = tmp = 0
```

```

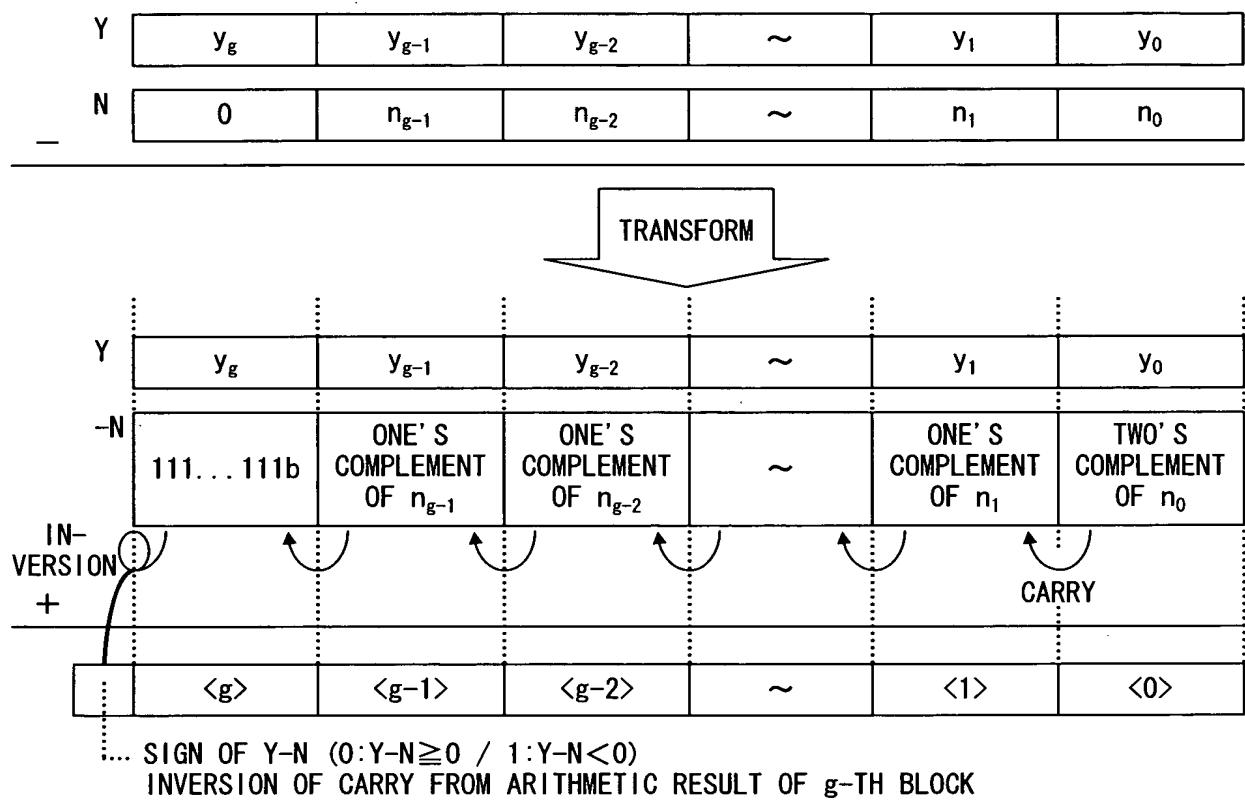
for ( j=0; j<g; j=j+1 ) {
  for ( i=0; i<g+1; i=i+1 ) {
    if ( i == g ) {
      (yi, yi-1) = yi + c1 + c2
    } else {
      (c1, tmp) = ai * bj + yi + c1
      if ( i == 0 ) {
        m = tmp * n0
        (c2, tmp) = m * ni + tmp + c2
      } else {
        (c2, yi-1) = m * ni + tmp + c2
      }
    }
  }
}
if ( Y ≥ N ) {
  Y = Y - N
}

```

FIG. 1 A



F I G. 1 B



F I G. 1 C

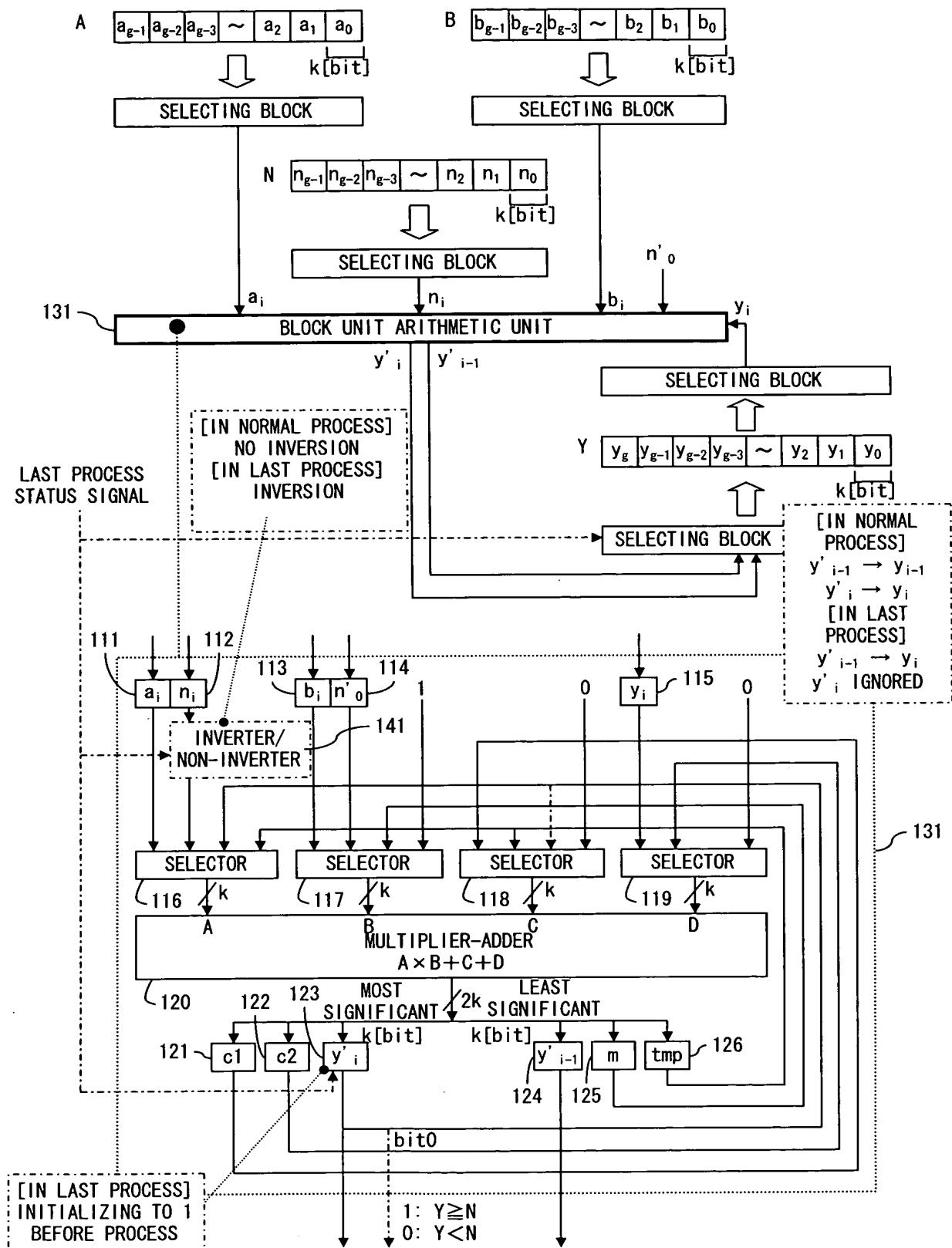
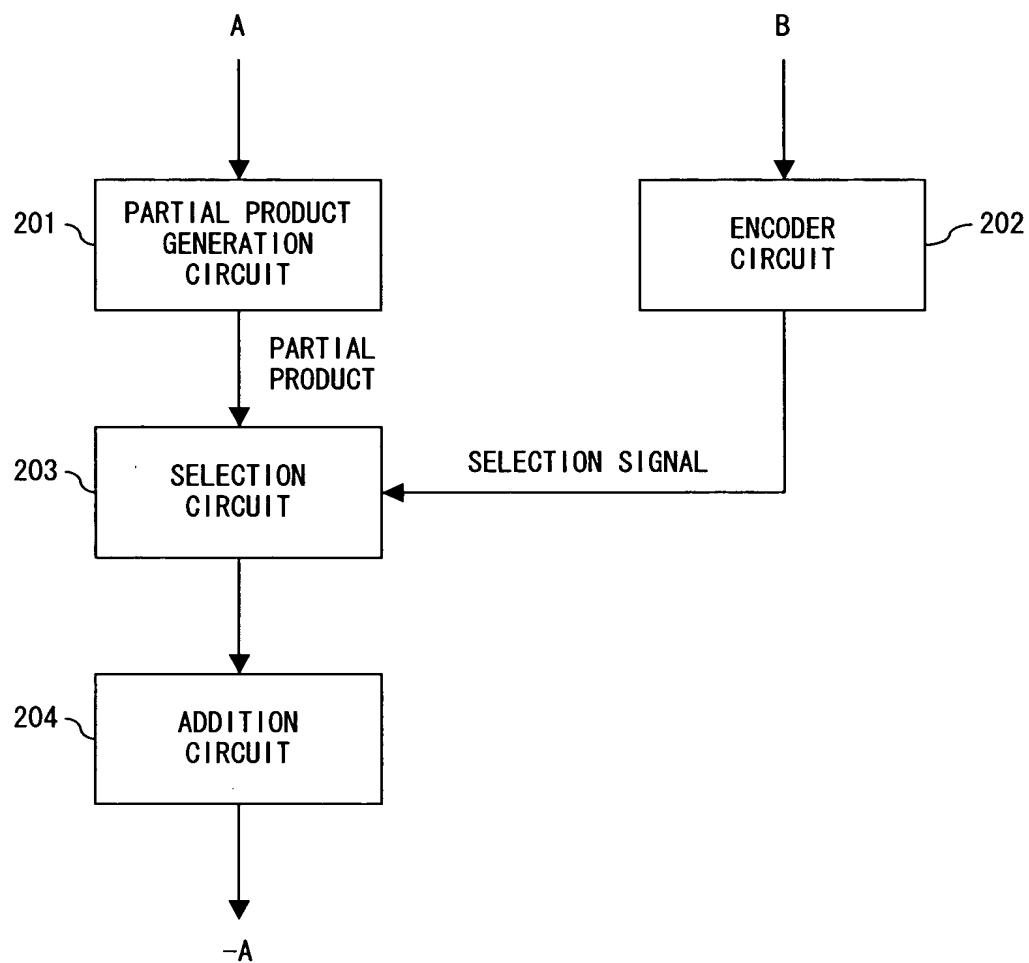
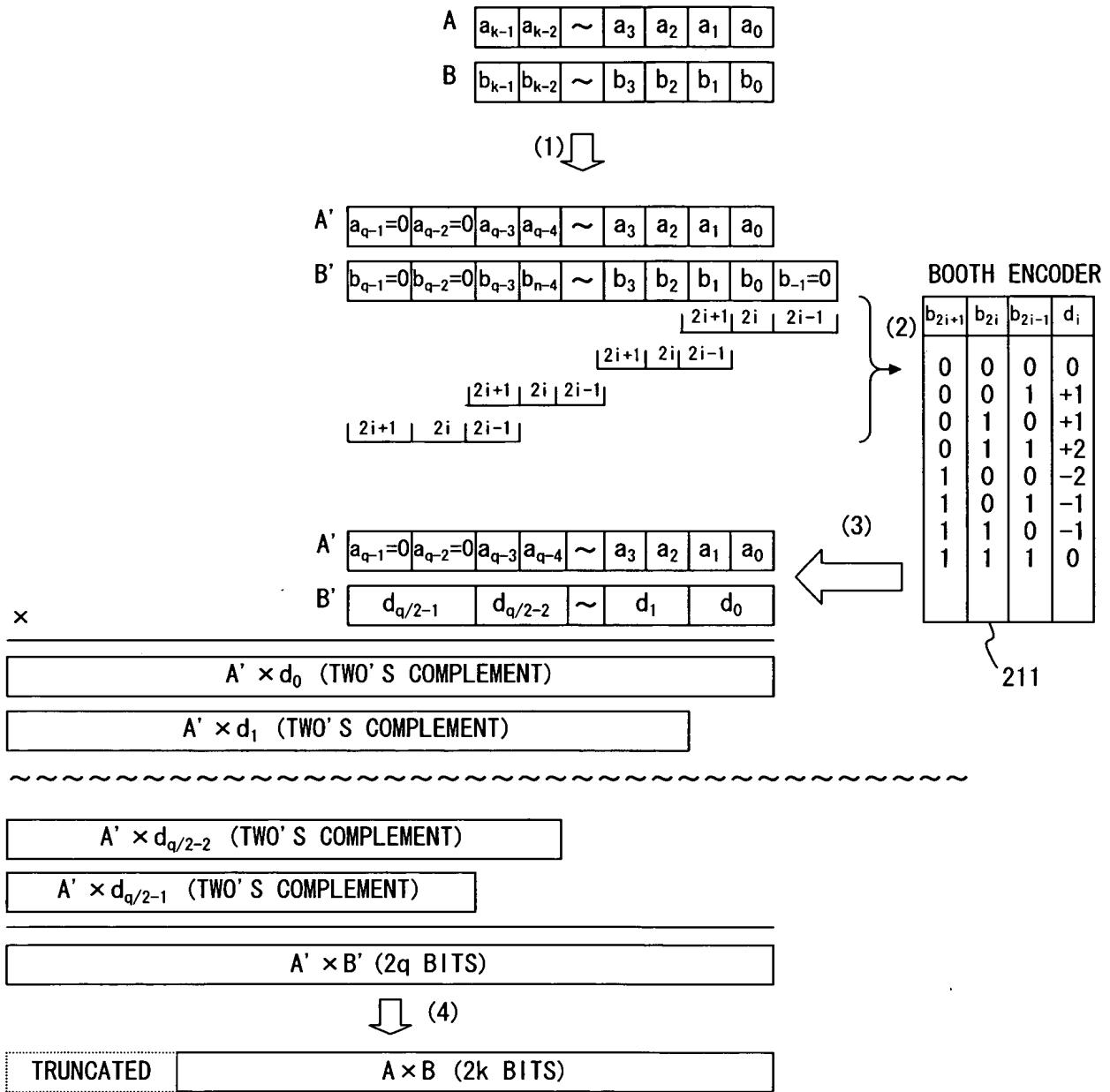


FIG. 1 D



F I G. 2 A



F I G. 2 B

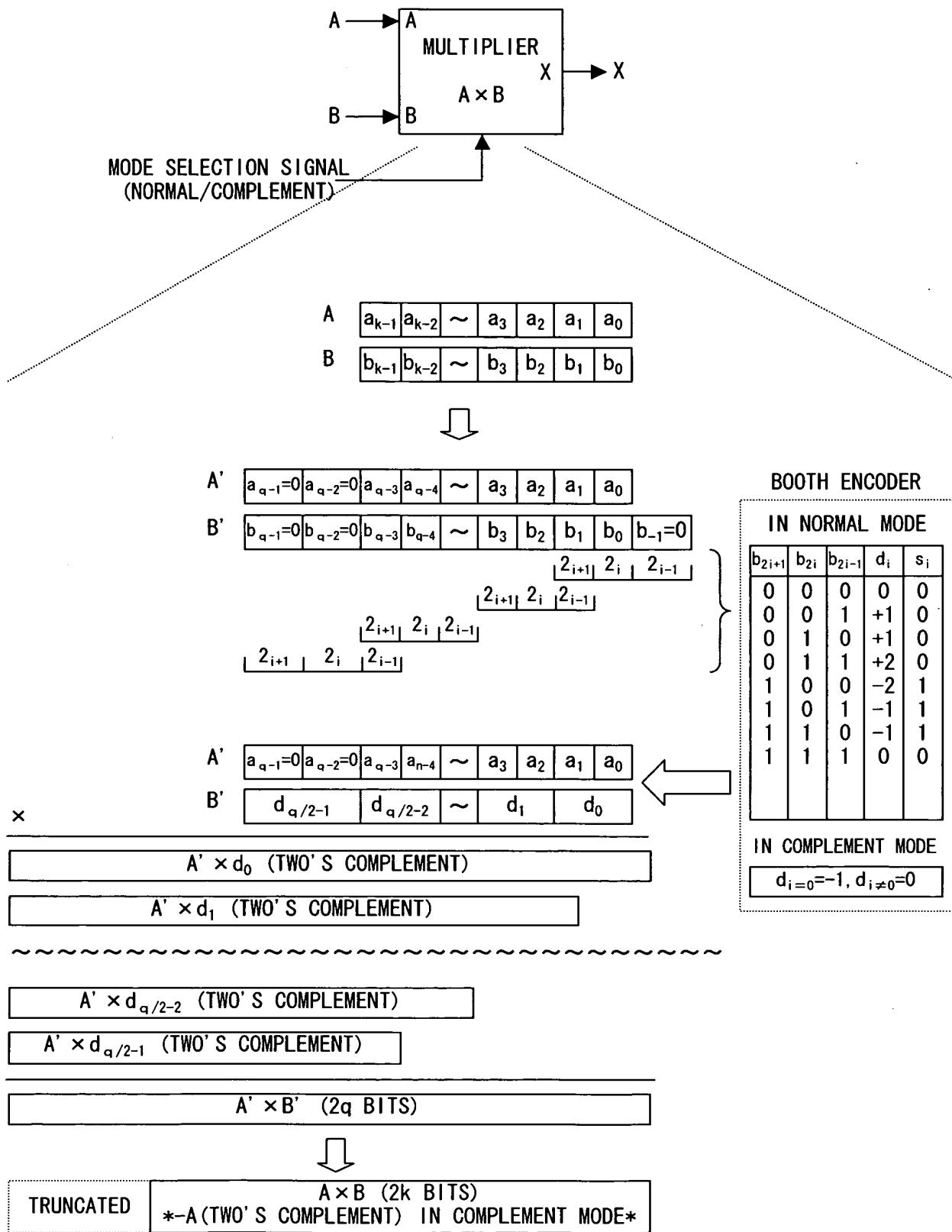
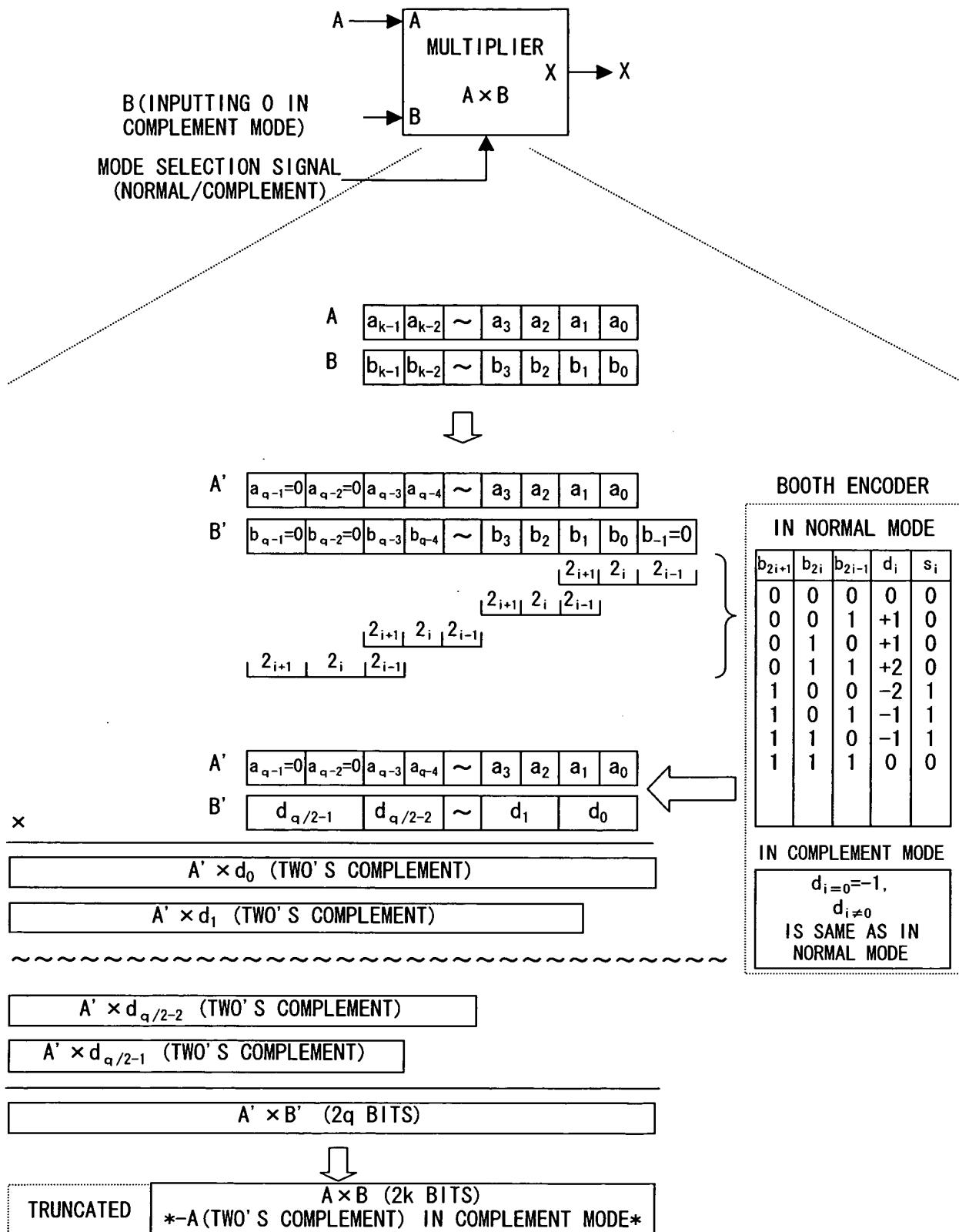


FIG. 3



F I G. 4

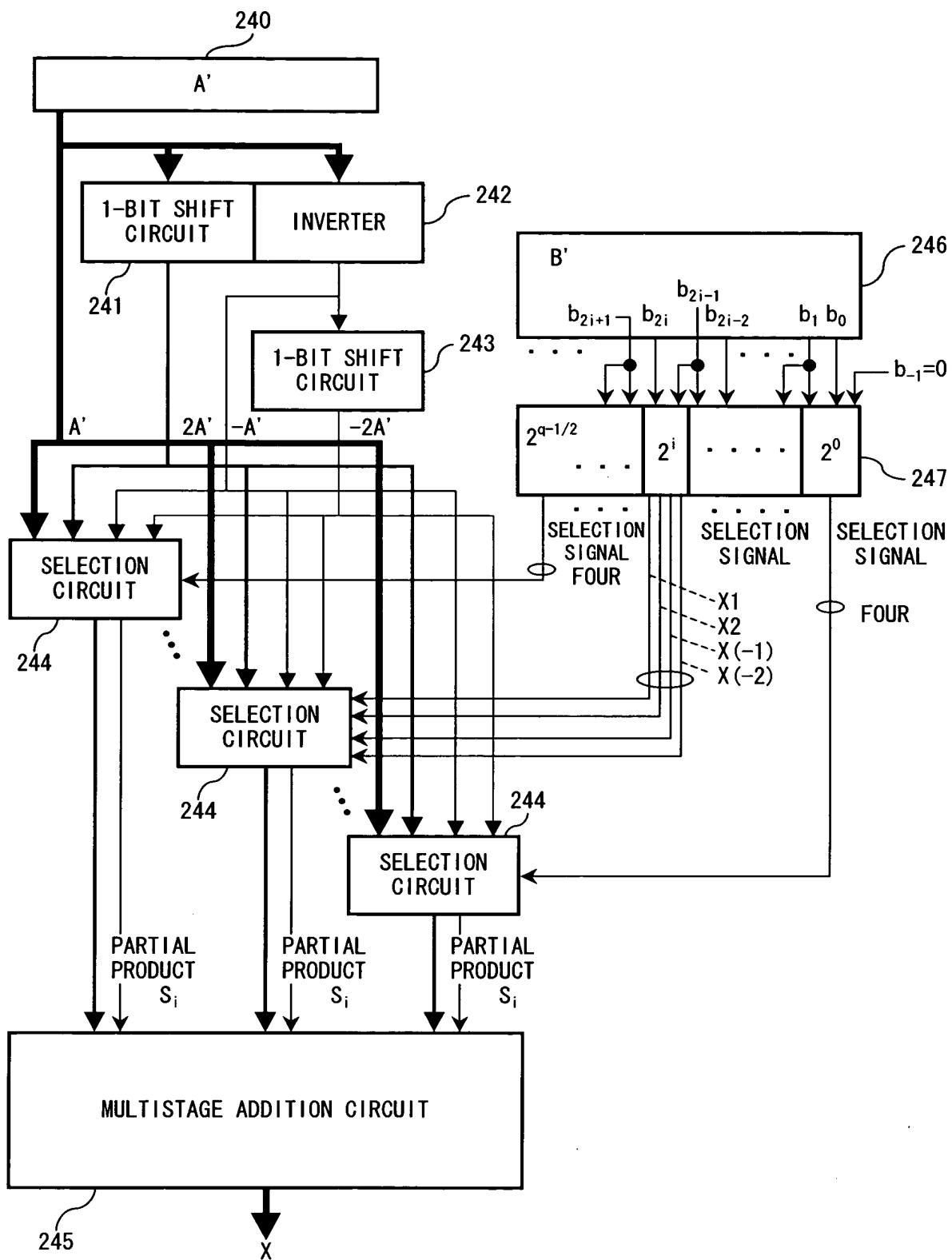
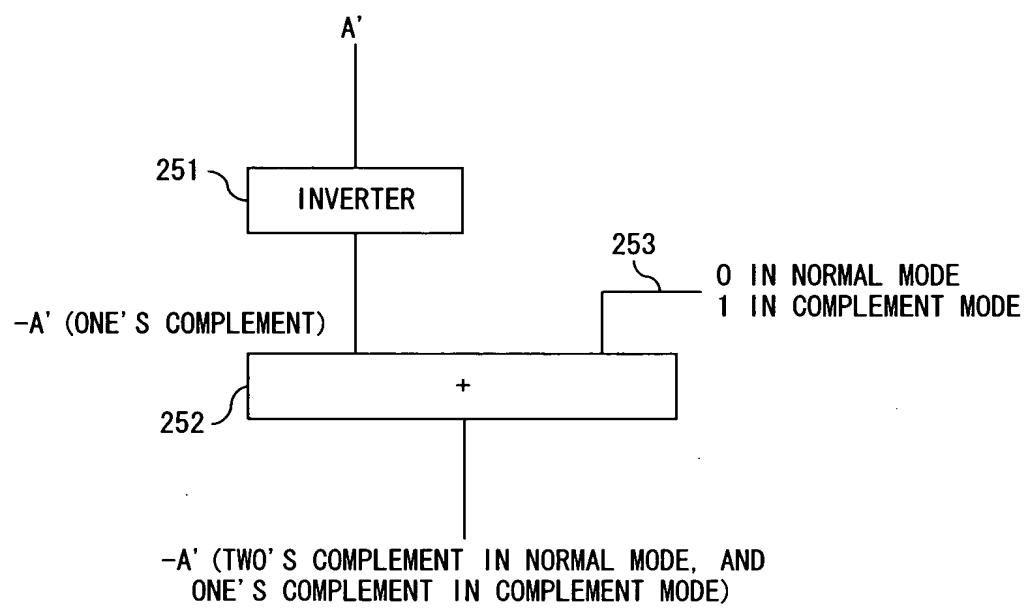
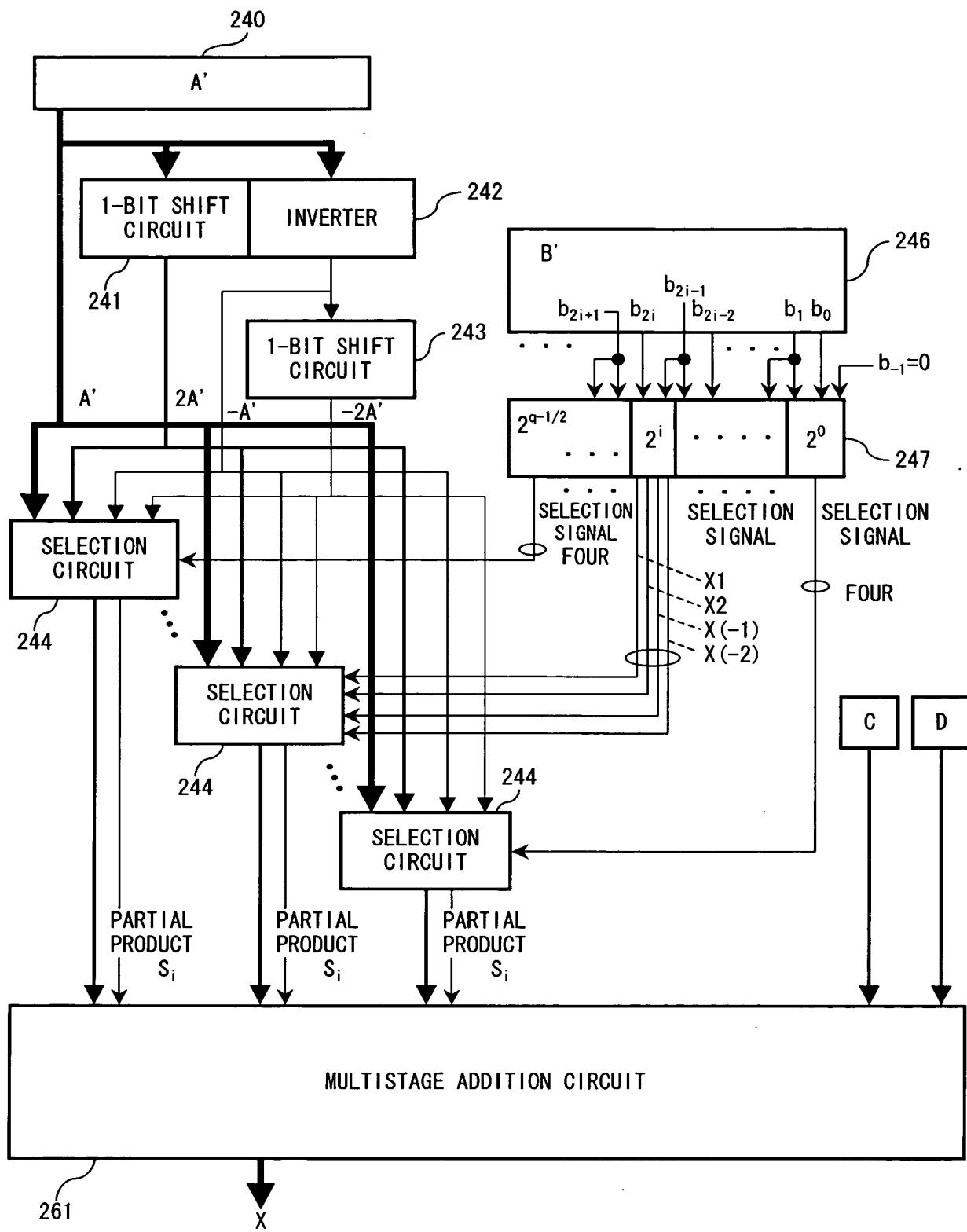


FIG. 5



F I G. 6



F I G. 7

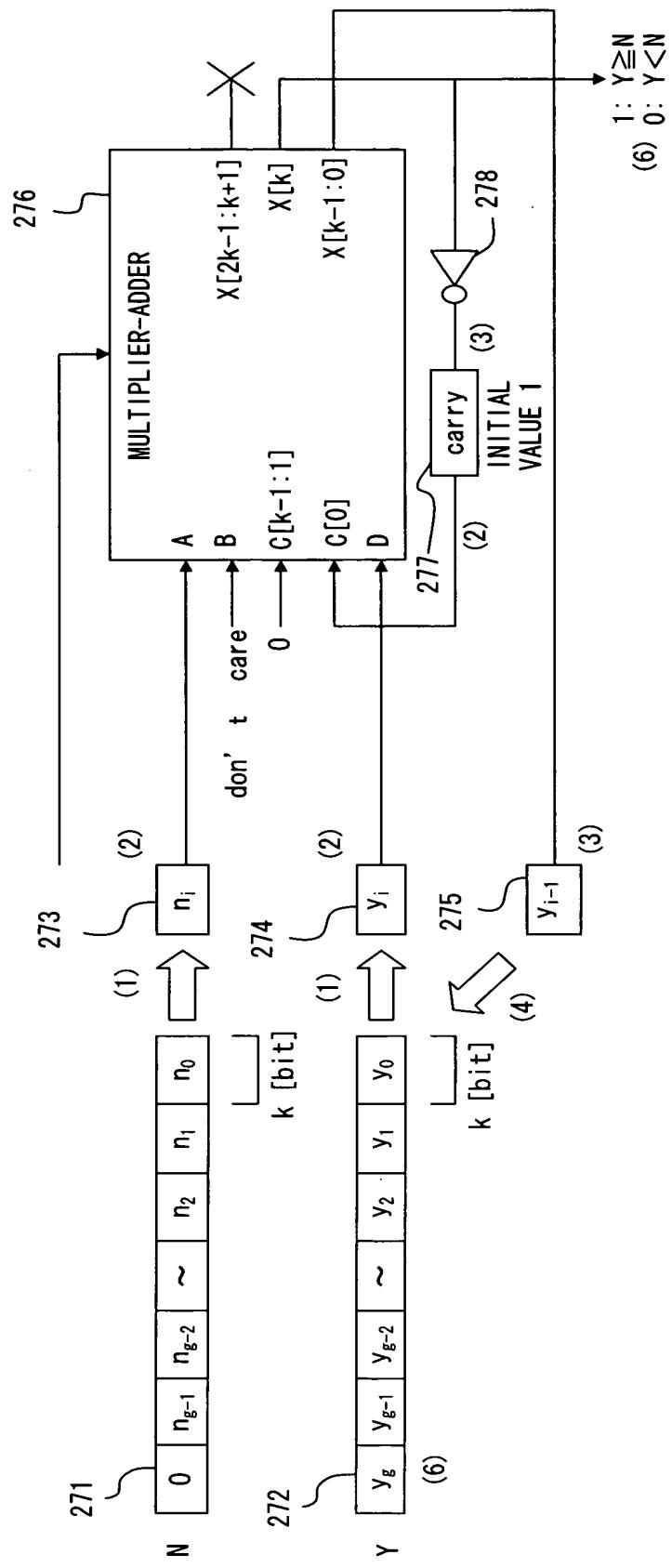
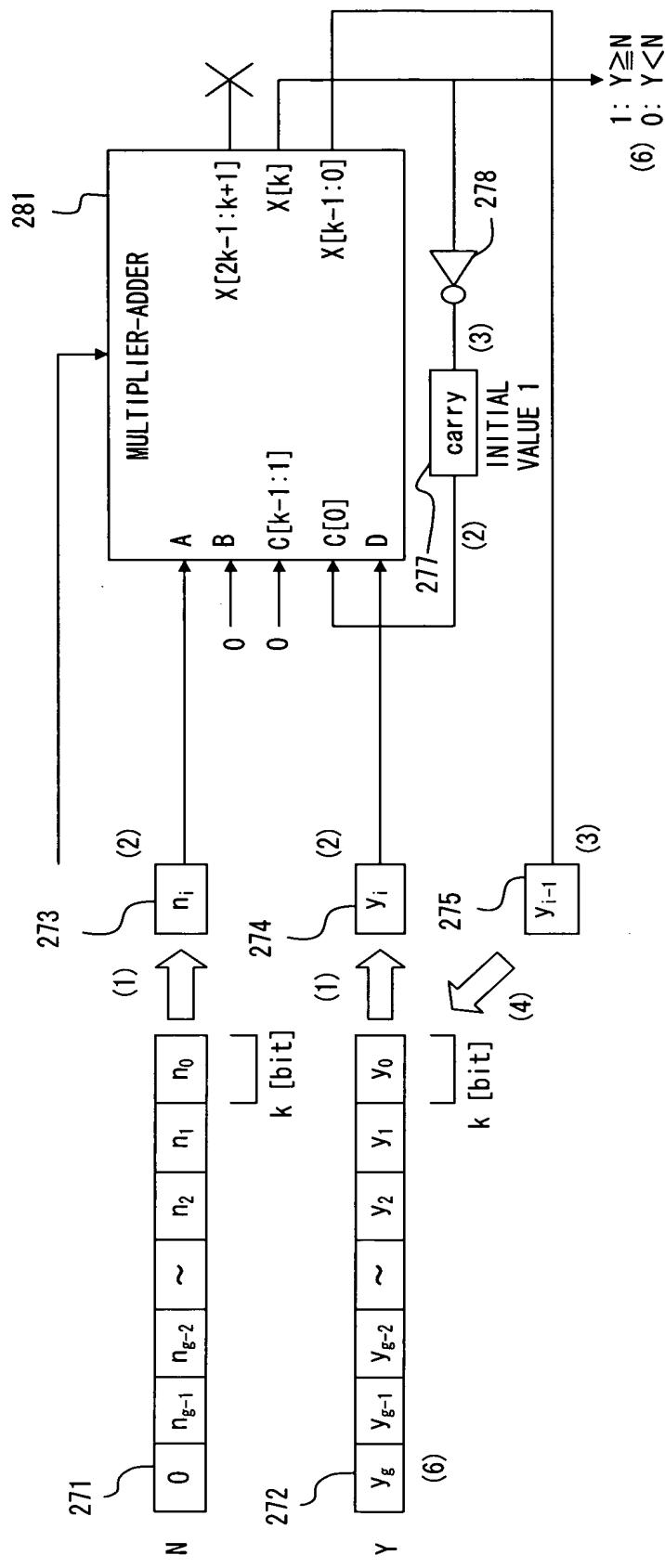


FIG. 8



F I G. 9

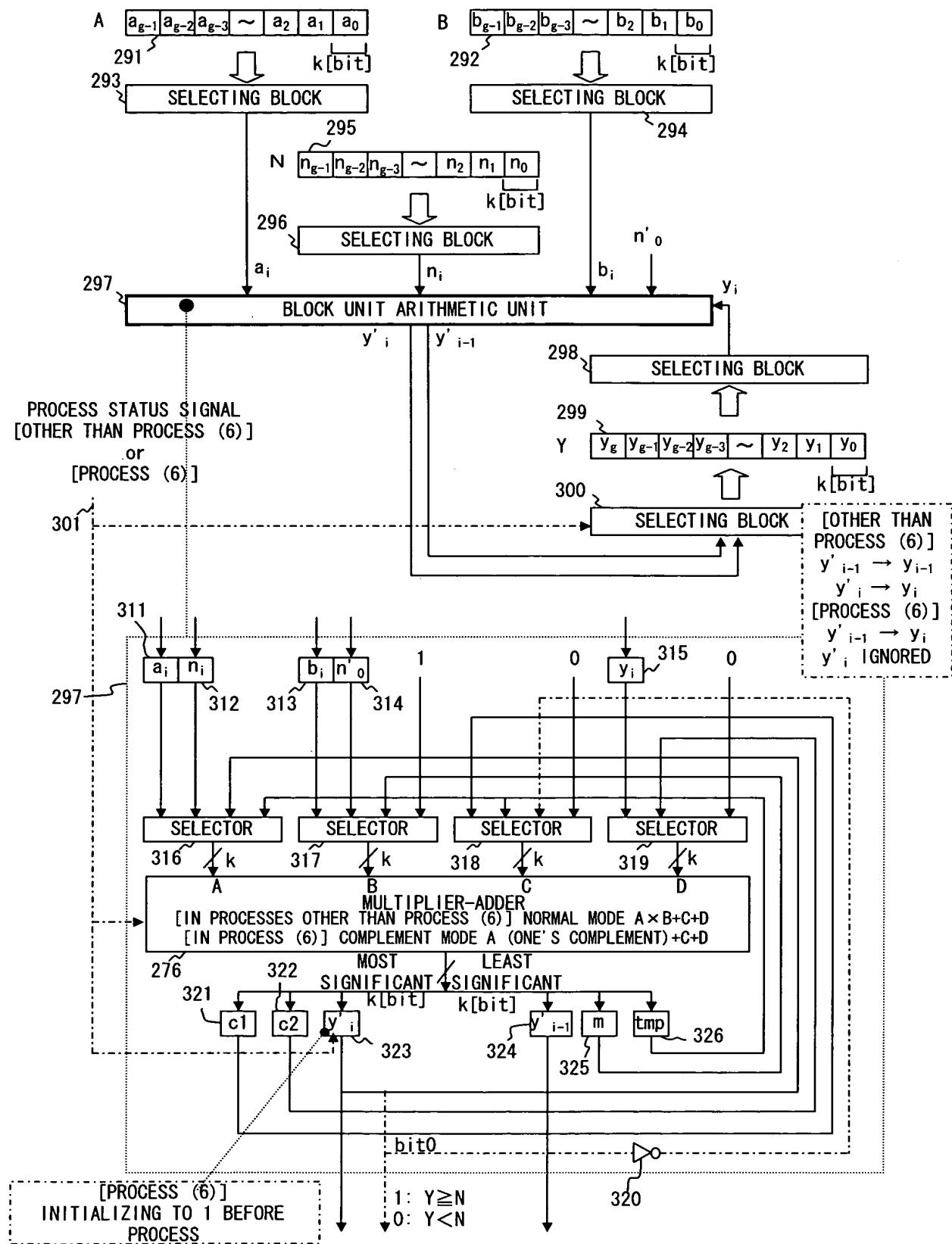
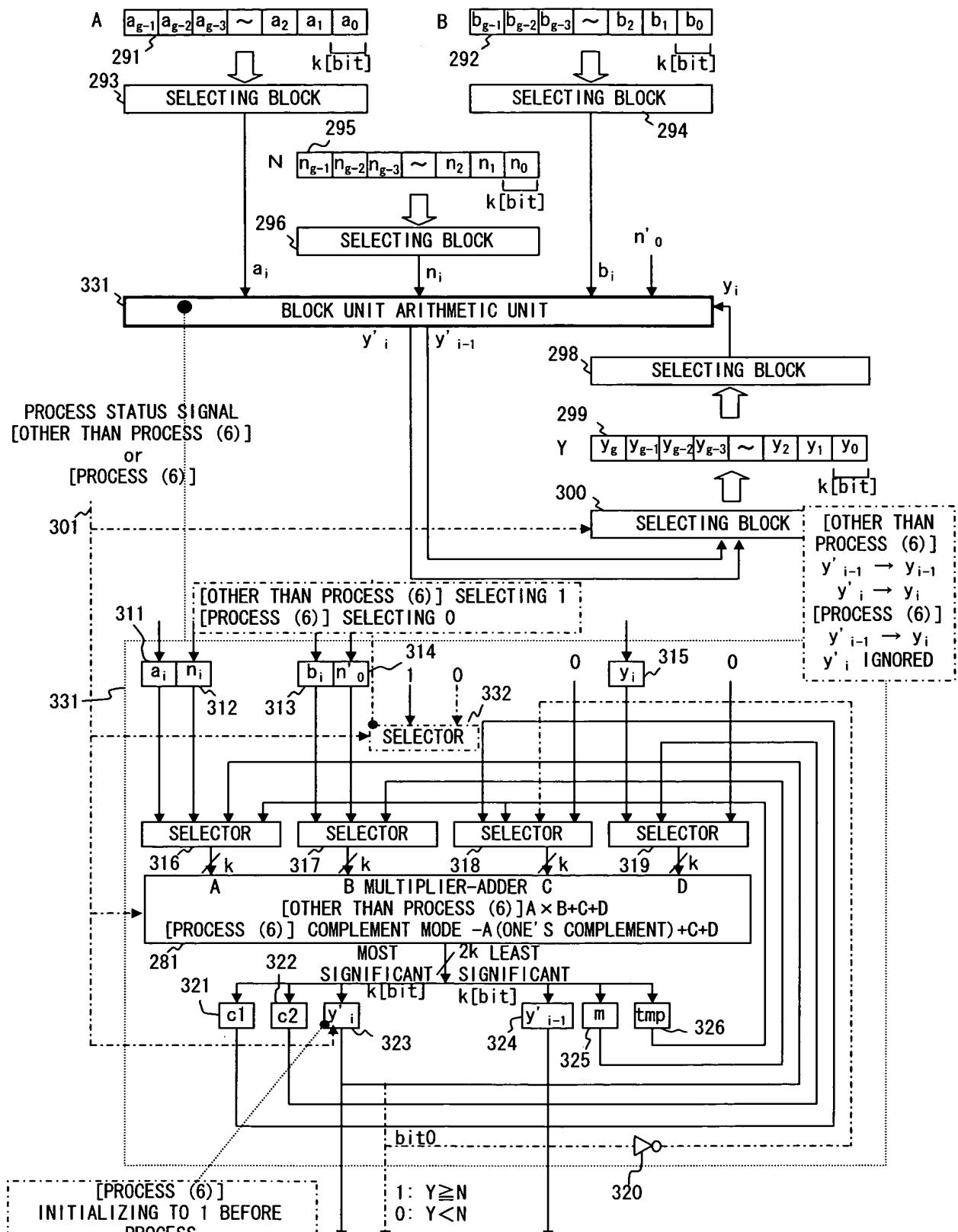


FIG. 10



F I G. 11